

10/589233

<p align="center"><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p align="center"><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: STERN29.002APC  First Named Inventor: Fabrizio Giannotta  Int'l Application No.: PCT/EP2005/050174  Int'l Filing Date: January 17, 2005  Priority Date Claimed: February 11, 2004  Title: HYBRID PROTEINS OF ACTIVE-SITE SERINE BETA-LACTAMASE  Express Mail Label No.: EV915029230US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b> <span style="float: right;">Date: August 10, 2006 Page 1 of 3</span></p>	

**Mail Stop PCT**

United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

**Inventors:**

- |                       |                     |
|-----------------------|---------------------|
| 1. Fabrizio Giannotta | 2. Patrice Filee    |
| 3. Moreno Galleni     | 4. Jean-Marie Frere |
| 5. Bernard Joris      | 6. Alain Brans      |
| 7. Nadia Ruth         |                     |

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) has been communicated by the International Bureau.
- (X) An English translation of the International Application as filed is not required.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.

**OTHER APPLICATION PARTS:**

- (X) Preliminary Amendment in 12 pages.
- (X) Abstract in 1 page.
- (X) Sequence Submission Statement in 1 page, and
- (X) Sequence Listing on paper in 18 pages
- (X) Sequence Listing in CRF
- (X) Cover page of PCT publication WO 2005/078075 A3.
- (X) Copy of International Search Report.

<b>NATIONAL PHASE UTILITY APPLICATION</b>  <b>Transmittal to the (DO/EO/US) Under 35 USC 371</b>	Attorney Docket No.: STERN29.002APC First Named Inventor: Fabrizio Giannotta Int'l Application No.: PCT/EP2005/050174 Int'l Filing Date: January 17, 2005 Priority Date Claimed: February 11, 2004 Title: HYBRID PROTEINS OF ACTIVE-SITE SERINE BETA-LACTAMASE Express Mail Label No.: EV915029230US
<b>Direct all correspondence to Customer No.: 20995</b>	
Date: August 10, 2006 Page 2 of 3	

(X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:

(X) Listing 8 references.

(X) Enclosing 7 references.

(X) Return prepaid postcard.

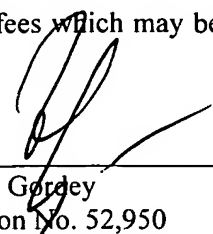
**FILING FEES:**

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$0)		\$400
(2)	USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3)	Foreign Search Report Enclosed	1642 (\$400)		
(4)	No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$0)		\$200
(2)	Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	20 - 20 = 0	1615 (\$50)	0 x 50 =	\$0
Excess Ind. Claims	3 - 3 = 0	1614 (\$200)	0 x 200 =	\$0
Multiple Dep. Claim		1616 (\$360)		\$0
Application Size Fee	0 - 100 = 0	1681 (\$250)	0 x 250 =	\$0
Late English Translation		1618 (\$130)		
Assignment		8021 (\$40)	0 x 40 =	\$0
			<b>TOTAL FEE DUE</b>	<b>\$900</b>
<b>TOTAL FEE PAID (If Different Than Fee Due)</b>				<b>\$</b>

(X) A check in the amount of \$900 to cover the Total Fee Due is enclosed.

<p><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: STERN29.002APC First Named Inventor: Fabrizio Giannotta Int'l Application No.: PCT/EP2005/050174 Int'l Filing Date: January 17, 2005 Priority Date Claimed: February 11, 2004 Title: HYBRID PROTEINS OF ACTIVE-SITE SERINE BETA- LACTAMASE Express Mail Label No.: EV915029230US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b></p> <p>Date: August 10, 2006 Page 3 of 3</p>	

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
\_\_\_\_\_  
Marina L. Gordy  
Registration No. 52,950  
Agent of Record  
Customer No. 20,995  
(805) 547-5580

# Knobbe Martens Olson & Bear LLP

Intellectual Property Law

10/589233

2040 Main Street  
Fourteenth Floor  
Irvine, CA 92614  
Tel 949-760-0404  
Fax 949-760-9502  
www.kmob.com

IAP11 Rec'd PCT/PTO 10 AUG 2006

Marina L. Gordey, Ph.D.  
Patent Agent  
(805)547-5586  
mgordey@kmob.com

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

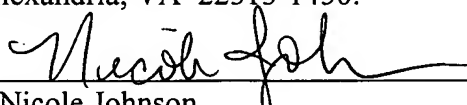
## CERTIFICATE OF MAILING BY "EXPRESS MAIL"

**Attorney Docket No.** : STERN29.002APC  
**Applicant(s)** : Giannotta et al.  
**For** : HYBRID PROTEINS OF ACTIVE-SITE  
SERINE BETA-LACTAMASE  
**Agent** : Marina L. Gordey  
**"Express Mail" Label No.:** EV915029230US  
**Date of Deposit** : August 10, 2006

I hereby certify that the accompanying

Transmittal letter; Preliminary Amendment in 12 pages; Abstract in 1 page; cover page of PCT publication; International Search Report; Sequence Submission Statement; paper copy of Sequence Listing in 18 pages; Sequence Listing in CRF; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent with 7 references; Check for Filing Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
\_\_\_\_\_  
Nicole Johnson

2812130:vr  
080706

San Diego  
619-235-8550

San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
951-781-9231

San Luis Obispo  
805-547-5580